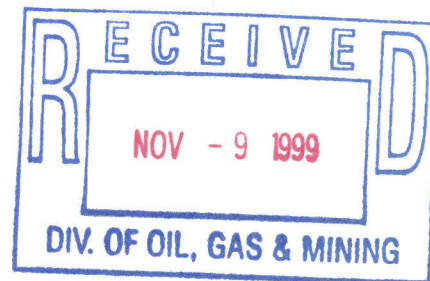


BALAZ & ASSOCIATES, INC.

11 N. Main St. Suite 5 Moab, Utah 84532 Phone/Fax: (435) 259-9187

October 27, 1999

Mr. Bill Stringer
Bureau of Land Management
82 E. Dogwood Ave.
Moab, Utah 84532



Re: Application to Harvest Rock Fragments

Dear Mr. Stringer:

Please find attached an application to harvest rock fragments from two sites for the construction of a fountain. The application includes a description of each site, harvesting operation, proposed reclamation, proposed project schedule and location maps. A copy of the Small Mine Operator applications sent to the Division of Oil, Gas & Mining are also attached for your reference. The applications were sent to DOGM to help facilitate the review process as time is of the essence for the applicant.

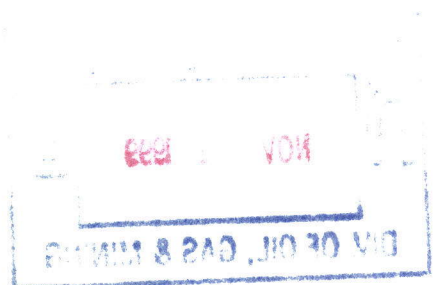
Please feel free to contact the undersigned at the above address or J. J. Wang or Diana Wells at 435-259-6869 if you have any questions regarding this submittal.

Sincerely,
Balaz & Associates, Inc.

William P. Balaz Jr., P. E.
President

cc: J. J. Wang
Tony Gallegos, DOGM

file:\bill\moab\jjgreenwell\stonegw



PROPOSED ROCK HARVESTING OPERATION APPLICATION

This application proposes to harvest rock fragments from the surface for the construction of a water fountain. Two potential sites have been identified to provide a sufficient quantity of rocks for the project. The attached location maps show the potential sites including each harvesting area and access route.

Site 1 - 313 Rock Harvesting Area

Access to the harvesting site at the base of the cliff would be via an existing road on the right hand side of the Utah 313. The turn off onto the road is approximately 1.3 miles west from the intersection of Utah 313 and US Highway 191. The existing road length is approximately 500 feet long to the base of the cliff. The road extends into the talus slope via a series of switchbacks. The site is located in the NW1/4, SW1/4, Sec. 3, T25S, R20E. The site is located on the Merrimac Butte Quadrangle 7.5 Minute Topographic Map. This site has been previously disturbed by either mining or exploration drilling activity. The attached Exhibit A shows the site location.

The rock fragments to be gathered would vary in size from 1' x 2' x 1' to 5' x 6' x 4'. Approximately 25 to 40 rock fragments would be gathered. The formation of interest is the Cutler. A two man crew would utilize the following equipment to harvest the rock fragments; air compressor with drill, front end loader - rubber-tired, cat mounted excavator, and low boy. The larger rock fragments would be drilled so that roofbolts can be installed to facilitate the safe lifting of the larger fragments. The front end loader or the excavator would be used to load the rock fragments onto the lowboy for transport to Moab. The rock fragments would be picked up from the road or previously disturbed areas. Fragments may be dragged down the slope using a winch or sling attached to the loader or tracked excavator.

An additional harvesting site along the toe of the talus slope to the northeast of the disturbed area may be accessed by traveling through a small drainage and then back along the toe. Rock fragments would be hauled to the disturbed area for loading onto the lowboy.

The estimated area for harvesting including the access road is:

| Description | Disturbed | Length, ft. | Width, ft. | Acres |
|----------------------|-----------|-------------|------------|-------|
| Access Road | Yes | 230 | 10 | 0.05 |
| Slope/Pad Area | Yes | 400 | 125 | 1.15 |
| Area NE of Disturbed | No | 395 | 150 | 1.36 |
| Total | | | | 2.56 |

The vegetation in the undisturbed areas is sparse grasses and shrubs.

The reclamation activities for the disturbed ground would include raking the areas with tire or cat tracks to remove evidence of the disturbance. If holes are created by removal of the rocks or the ground is cut or filled for roads, then these areas will be graded to look like the surrounding ground. Seeding would be done in those areas where vegetation has been disturbed by the harvesting activities. The seed mix would be based on the BLM's recommendation. If the area contains little or no vegetation, then raking or grading the surface is the only reclamation activity proposed.

The permittee is:

Quint Star Management Company
168 E. Center Street
Moab, UT 84532
Contact: J. J. Wang
Diana Wells
Phone: 435-259-6869

The surface owner is: United States.

The mineral owner is: United States

The anticipated project schedule is November, 1999 to March 31, 2000. Approximately 1 to 2 weeks would be required to harvest the rock fragments. The specific schedule will be dependent on contractor availability to harvest the rock fragments and to construct the water fountain. The intent is to complete the project as quickly as possible.

Site 2 - 191 Rock Harvesting Area

Access to the site is off US Highway 191 approximately 2.5 miles from the entrance to Arches National Park where the new pipeline construction crosses the highway. The existing pipeline road length is approximately 1300 feet to the small canyon. The site is a small arroyo into the outcrop that is east of an existing access road for pipeline maintenance. A road would be extended approximately 60 feet into the arroyo area. Rocks would be picked up along the outside edges of the area at the base of the rock outcrop. The road into the canyon would be kept in an existing drainage to the extent practical.

An alternate access direction would be from the northwest along the existing pipeline road. The pipeline road would be accessed off Highway 161 via the turn off to the Bar M restaurant.

The site is located in the NE1/4, NE1/4, Sec. 13, T25S, R20E. The site is located on the Merrimac Butte Quadrangle 7.5 Minute Topographic Map. The attached Exhibit B shows the site location.

The rock fragments to be gathered would vary in size from 1' x 2' x 1' to 5' x 6' x 4'. Approximately 25 to 40 rock fragments would be gathered. The formation of interest is the

Cutler. A two man crew would utilize the following equipment to harvest the rock fragments; air compressor with drill, front end loader - rubber-tired, cat mounted excavator, and low boy. The larger rock fragments would be drilled so that roofbolts can be installed to facilitate the safe lifting of the larger fragments. The front end loader or the excavator would be used to load the rock fragments onto the lowboy for transport to Moab. The rock fragments would be picked up from the road or previously disturbed areas. Fragments may be dragged down the slope using a winch or sling attached to the loader or tracked excavator.

The estimated area for harvesting including the access road is:

| Description | Disturbed | Length, ft. | Width, ft. | Acres |
|-----------------|-----------|-------------|------------|-------|
| Access Road | Yes | 1,300 | 10 | 0.3 |
| New Access Road | No | 60 | 10 | 0.01 |
| Canyon Area | No | 160 | 250 | 0.92 |
| Total | | | | 1.23 |

The vegetation is comprised mainly of sparse grasses and shrubs. The upper portion of the site is rock outcrop.

The reclamation activities for the disturbed ground would include raking the areas with tire or cat tracks to remove evidence of the disturbance. If holes are created by removal of the rocks or the ground is cut or filled for roads, then these areas will be graded to look like the surrounding ground. Seeding would be done in those areas where vegetation has been disturbed by the harvesting activities. The seed mix would be based on the BLM's recommendation. If the area contains little or no vegetation, then raking or grading the surface is the only reclamation activity proposed.

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